UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/857,364	06/04/2001	Naomi Go	09793822-014	3070

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EXAMINER
NGUYEN, TAM V

ART UNIT	PAPER NUMBER
2172	3

DATE MAILED: 06/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

Office Action Summary	**Application No.** 09/857,364	**Applicant(s)** GO, NAOMI
	Examiner Tam V Nguyen	**Art Unit** 2172

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>22 January 2003</u> .

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☐ Claim(s) _____ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-22</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☑ All b)☐ Some * c)☐ None of:

        1.☑ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____ .

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

1.   Claims 1-22 are pending in this action. Claims 1-22 are presented for

examination. This action is in response to the filing dated 06/04/01.

Priority

2.   Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which

papers haven been placed of record in file.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

4.   Claims 1-22 rejected under 35 U.S.C. 103(a) as being unpatentable over NOTO

NOBUHARU (11-143885).

With respect to claims 1 and 11, NOTO NOBUHARU discloses receiving means

for receiving discrimination information assigned to an object constituting information

transmitted from a terminal, (pages 2 of 6, lines 26-38 and pages 3 of 6, lines 15-20);

search means for searching said position information corresponded to discrimination

information from said terminal from a data base storing discrimination information

assigned to the object constituting information and said position information with respect

to the information corresponded, (pages 2 of 6, lines 4–25 and pages 3 of 6, lines 15-

20). NOTO NOBUHARU does not explicitly teach *preparing means for preparing a*

list of said position information searched; and transmission means for transmitting said list of position information. However, as taught by NOTO NOBUHARU, table 1 is an example correspondence-related. The value of a bar code symbol transducer 210 output URL corresponding to the inputted bar code symbol based on this correspondence relation, (pages 4 of 6, lines 14-20). Thus, when the user enters a an object identifier for searching. The system prepares a list of URL and returns to the user as step of *preparing means for preparing a list of said position information searched and transmission means for transmitting said list of position information.* Therefore, it would be obvious to one of ordinary skill in the art at the time the invention was made to modify NOTO NOBUHARU by including *preparing a list of said position information searched and transmitting said list of position information* in order for the user to check for a specific information.

As to claim 2, the database storing said discrimination information and said position information corresponded, (pages 4 of 6, lines 28-33)

As to claim 3, collection means for collecting said discrimination information of the object constituting the information from said information which is present on a network, and the position information of the information, and. registering the collected discrimination information and position information corresponded in said data base, (pages 2 of 6, lines 2-28).

As to claim 4, wherein said collection means collects related information related to said object, and registers said position information and said related information corresponded to said discrimination information in said data base, (pages 2 of 6, lines 2-28).

As to claim 5, wherein said related information includes a key word used to search discrimination information assigned to said object; said receiving means receives said key word transmitted from said terminal, (pages 2 of 6, lines 2-38); said search means searches said discrimination information corresponded to the related information including said key word received by said receiving means(pages 2 of 6, lines 2-38); and said transmission means transmits the search result of said discrimination information to said terminal, (pages 2 of 6, lines 2-38);.

As to claim 6, addition means for adding the importance degree to said object, wherein said preparing means prepares a list of said position information searched on the basis of said importance degree, (pages 2 of 6, lines 4-38).

As to claim 7, issue means for issuing said discrimination information not registered in said data base in response to the request from said terminal, (pages 2 of 6, lines 4-38).

As to claims 8 and 17, wherein said information is a file described in a predetermined description language, (pages 5 of 6, lines 30-35).

As to claims 9 and 18, wherein said 25 predetermined description language is HTML (Hyper Text Markup Language), (pages 5 of 6, lines 30-35).

As to claims 10 and 19, wherein said position information is URL (Uniform Resource Locator), (pages 2 of 6, lines 45-49)

With respect to claim 12, the subject matter of claim 12 are rejected in the analysis above in claim 1. Therefore, claim 12 is also rejected for the same reason as given in claim 1.

With respect to 13, transmission means for transmitting discrimination information assigned to an object constituting information to said server, (pages 3 of 6, lines 15-25); receiving means for receiving a list of said position information with respect to said information constituted from said object to which the discrimination information transmitted from sad server corresponding to the transmission of said discrimination information is assigned, (pages 2 0f 6, lines 4-38). NOTO NOBUHARU does not explicitly teach **display control means for displaying the list of said position information.** However, as taught by NOTO NOBUHARU, table 1 is an example correspondence-related. The value of a bar code symbol transducer 210 output URL

corresponding to the inputted bar code symbol based on this correspondence relation, (pages 4 of 6, lines 14-20). Thus, when the user enters a an object identifier for searching. The system prepares a list of URL and displays to the user as step of **display control means for displaying the list of said position information .** Therefore, it would be obvious to one of ordinary skill in the art at the time the invention was made to modify NOTO NOBUHARU by including **preparing a list of said position information searched and transmitting said list of position information** in order for the user to check for a specific information.

As to claim 14, input means for inputting said discrimination information transmitted to said transmission means, (pages 3 of 6, lines 4-17).

As to claim 15, request means for requesting said server to issue said discrimination information, (pages 2 of 6, lines 4-17).

As to claim 16, request means for requesting said server to search said discrimination information by a key word, (pages 2 of 6, lines 4-17)

With respect to claims 20 and 21, the subject matter of claims 20 and 21 are rejected in the analysis above in claim 13. Therefore, claims 20 and 21are also rejected for the same reason as given in claim 1.

With respect to 22, in addition to the rejection above claims 1 and 13, NOTO

NOBUHARU said terminal comprising second transmission means for transmitting

discrimination information assigned to an object constituting information to said server,

(pages 2 of 6, lines 26-38 and pages 3 of 6, lines 15-20); second receiving means for

receiving for receiving a list of said position information with respect to said information

constituted from said object to which the discrimination information transmitted from sad

server corresponding to the transmission of said discrimination information is assigned,

(pages 2 of 6, lines 4-25 and pages 3 of 6, lines 15-20); and display control means for

displaying said list of position information.

Conclusion

5.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Gillings et al. (US 566490) shows computer network system and method for

managing documents.

Popa et al. (US 5991783) shows system and method for generating, storing and

transmitting graphical data.

Nielsen (US 6510461) shows system for managing and automatically deleting

network address identified and stored during a network communication session when

the network address is visited.

DeKimpe et al. (6546395B1) shows multi-dimensional restructure performance

by selecting a technique to modify a relational database based on a type of restructure.

Contact Information

1.   **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Any inquiry concerning this communication or earlier communications

from the examiner should be directed to Tam V Nguyen whose telephone number

is (703) 305-3735. The examiner can normally be reached on 7:30AM-5: 00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kim Yen Vu can be reached on (703) 305-4393. The fax phone numbers for

the organization where this application or proceeding is assigned are (703) 746-7239 for

formal communications and (703) 746-7240 for informal communications.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal

Drive, Arlington, Virginia 22202. Fourth Floor (Receptionist).

2.   Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is 703-305-

3900.

TV:tv

6/13/03

SHAHID AL ALAM
PATENT EXAMINER